



NWIRP BETHPAGE PROGRESS UPDATE

NWIRP BETHPAGE, NEW YORK

ACTIVITY PERIOD: MARCH 2016

1. Summary and Progress

- Continue operation of NYAW permanent GAC system
- Preparing access agreements for monitoring wells and outpost monitoring wells
- Continued operation of GM-38 Treatment System and Site 1 SVE Containment System
- Internal Navy Review of the Site 1 FS Addendum
- Site 4 Treatability Study Summary Report submitted; preparing Internal Draft 30% design
- Internal review of LTM Analysis including Dec 2015 validated data; preparation of time trend series graphs and statistical analysis
- Conducting preliminary evaluations to locate extraction wells, treatment plant(s), and recharge facilities for a potential system to address hotspot groundwater in the deep western plume
- Monitor and analyze data logger data for outpost wells for South Farmingdale, and Massapequa Water Districts to confirm hydraulic connectivity
- Monitor and analyze datalogger data from wells north of Hempstead Turnpike in association with Pilot Test for BWD well 6-2
- Started three month capture zone analysis study at BWD Plant 6; collected air samples
- Completed drilling: RE131D3 (VPB 165); RE126D2 (VPB160) and RE129D2 (VPB 163)
- Currently drilling: VPB 167; RE129D1 (VPB163); and VPB 164
- Completion of March Quarterly groundwater sampling.

2. Planned Activity for Next Month (April)

During the next month, the Navy anticipates performing the following:

- Continue operating the full scale GAC system at NYAW
- Monitoring and analyses datalogger data for outpost well connectivity at South Farmingdale, and Massapequa Water District outpost wells; submittal of hydraulic analysis memorandum for MWD
- Monitoring and preliminary analysis of data logger data north of Hempstead Turnpike; analysis of BWD Plant 6 hydraulic data to supplement preliminary extraction well evaluations (capture zones, depths, extraction rates)
- Preparing access agreements for VPBs and monitoring wells
- Continue operation of GM-38 Treatment System and Site 1 SVE Containment System
- Internal Navy Review of the Site 1 FS Addendum
- Internal review of 30% design study for Site 4
- Internal review of 2015 LTM Analysis for Navy-owned wells (including fourth quarter groundwater results)
- Conducting preliminary evaluations to locate extraction wells, treatment plant(s), and recharge facilities for a potential system to address hotspot groundwater in the deep western plume
- Submittal of Feb 2016 programmatic transducer data to USGS
- Drilling: VPB164; VPB 167 and VPB 168
- Complete drilling: RE129D1 (VPB163)
- Initial sampling of RE131(VPB 165) and RE126 (VPB 160) series wells
- Collection of air samples for Pilot Study

3. Reports Submitted

See Table

Submittal Date	Author	Description	NYSDEC Concurrence
9/9/2015	Resolution	Abbreviated Work Plan – BWD Well 6-2 Pilot Test	3/1/2016
2/2/2016	Resolution	Form 1 Data Packages – VPB 163 and VPB 165	Information Only
2/4/2016	Resolution	Form 1 Data Packages – VPB 160, VPB 163 and RE126 (VPB 160)	Information Only
2/4/2016	Resolution	Jan Transducer Data submitted to USGS	Information Only
2/5/2016	H&S	Quarterly Operations Report, Third Quarter 2015, Groundwater Treatment Plant, GM-38 Area Groundwater Remediation, NWIRP Bethpage, NY	Information Only
2/5/2016	H&S	Quarterly Operations Report, Third Quarter 2015, Soil Vapor Extraction Containment System, Site 1 Former Drum Marshalling Yard, NWIRP Bethpage, NY	Information Only
2/8/2016	Resolution	Form 1 Data Packages – VPB 163	Information Only
2/15/2016	Resolution	Form 1 Data Packages – VPB 163, RE126 (VPB 160)	Information Only
2/17/2016	Resolution	2015 OU2 Groundwater Investigation VPB155, Bethpage NY	Information Only
2/28/2016	Resolution	September 2015 Groundwater Sampling Data Summary Report	Information Only
2/28/2016	Resolution	2015 OU2 Groundwater Investigation RE123D1, RE123D2, RE123D3 (VPB157), Bethpage NY	Information Only
2/28/2016	Resolution	2015 Annual LUC Inspection Report	Information Only
2/29/2016	Resolution	Treatability Study Summary Report – Site 4, NWIRP Bethpage	
3/9/2016	Resolution	Form 1 Data Packages – VPB160 (SI8451, SI8520, SI974, SI9303); VPB 163 (SJ0528, SJ690); RE126 (SJ0691) and RE131 (SJ0752)	Information Only
3/19/2016	Resolution	2015 OU2 Groundwater Investigation RE121D1, RE121D2, RE121D3 (VPB155), Bethpage NY	Information Only
3/8/2016	Resolution	Reponses to BWD Plant 6 Workplan	
3/9/2016	Resolution	Form 1 Data Packages – VPB 160, VPB 163, RE126 (VPB 160), RE131(VPB 165)	Information Only
3/19/2016	Resolution	2015 OU2 Groundwater Investigation RE121D1, RE123D2, (VPB155), Bethpage NY	Information Only
3/30/2016	Resolution	BWD Plant 6 Pilot study Week March 25 sample results/	Information Only

Bold – need NYSDEC concurrence